

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claim 1. (Currently Amended) A sprayer purifier cartridge system comprising:

a sprayer for spraying water, wherein said sprayer has a receiving structure including at least two hollow protrusions; and

a purifier cartridge containing a substance for purifying water, said cartridge being attachable to said receiving structure of said sprayer,

wherein said purifier cartridge comprises ~~a structure having~~ an outer surface with at least two openings therein and at least two raised rings extending upwardly from said outer surface, wherein said rings respectively at least partially surround said two openings and said rings are configured to guide said receiving structure protrusions toward said openings, which and said openings are at least partially surrounded by an integral portion of said structure that has flexibility, wherein each sealing portion of integral with each of said rings of said structure extends radially inward toward the center of each of said openings, and extends inwardly at an angle in a direction opposite to said outer surface, and each sealing portion is thinner and more flexible than the portions of the structure that are said rings disposed outwardly thereof, and said sprayer comprises said at least two hollow protrusions that respectively fit into said at least two openings to permit water to flow in at least one direction between said sprayer and said purifier cartridge, wherein said cartridge is attachable to said sprayer and said sealing portions form of said structure forms a seal between said cartridge and said sprayer, and said cartridge is

disposable.

Claim 2. (Cancelled)

Claim 3. (Original) The sprayer purifier cartridge system of Claim 1 wherein said sprayer comprises a housing, and said housing has a recess for insertion of at least a portion of said purifier cartridge.

Claim 4. (Cancelled)

Claim 5. (Currently Amended) The sprayer purifier cartridge system of Claim 1 wherein said cartridge has two ends comprising a first end and a second end, ~~an inlet and an outlet, and~~ ~~said inlet and outlet are~~ wherein said two openings are located on the same end of said cartridge.

Claim 6. (Original) The sprayer purifier cartridge system of Claim 1 wherein said substance for purifying water comprises at least one ion exchange resin.

Claim 7. (Original) The sprayer purifier cartridge system of Claim 1 wherein said cartridge comprises two side-by-side compartments.

Claim 8. (Currently Amended) The sprayer purifier cartridge system of Claim 4-7 wherein said side-by-side compartments have a cylindrical configuration and an opening therebetween for transmitting water between said compartments.

Claim 9. (Previously Presented) The sprayer purifier cartridge system of Claim 1 wherein said cartridge comprises an insertion aid.

Claim 10. (Previously Presented) The sprayer purifier cartridge system of Claim 9 wherein said insertion aid comprises a hole in said cartridge that mates with a pin on said sprayer.

Claim 11. (Currently Amended) The sprayer purifier cartridge system of Claim 5 1 wherein said ~~inlet and said outlet comprise circular~~ openings that have a diameter of about 5/16 inch.

Claim 12. (Original) The sprayer purifier cartridge system of Claim 11 wherein the centers of said inlet and said outlet openings are spaced about 1.5 inches apart.

Claim 13. (Currently Amended) The sprayer purifier cartridge system of Claim 1 wherein ~~said receiving structure for said purifier cartridge comprises a structure with said at least two hollow protrusions, and~~ said at least two hollow protrusions comprise a pair of spaced apart hollow posts.

Claim 14 (Currently Amended) The sprayer purifier cartridge system of Claim 13 wherein said at least two raised rings ~~two openings in the structure~~ of said purifier cartridge comprise a pair of spaced apart openings that respectively fit over said hollow posts, wherein the flexible material that at least partially surrounds said two openings forms a leak-proof seal with said hollow posts.

Claim 15. (Currently Amended) A sprayer purifier cartridge system comprising:

a sprayer for spraying water and a purifier cartridge, wherein said sprayer has a recess for insertion of at least a portion of said purifier cartridge and a receiving structure for said purifier cartridge; and a

said purifier cartridge containing a substance for purifying water, said cartridge having two ends comprising a first end and a second end, an inlet and an outlet, and said inlet and outlet are located on the same end of said cartridge, said cartridge being attachable to the receiving structure of said sprayer,

wherein said purifier cartridge comprises a structure having an outer surface with at least two openings therein and at least two raised rings extending upwardly from said outer surface, wherein said rings respectively at least partially surround said two openings and said rings are configured to guide said receiving structure protrusions toward said openings, which and said openings are at least partially surrounded by an integral portion of said structure that has flexibility, wherein said a sealing portion of integral with each of said rings of said structure extends radially inward toward the center of each of said openings, and extends inwardly at an angle in a direction opposite to said outer surface, and said each sealing portion is thinner and more flexible than the portions of the structure that are said rings disposed outwardly thereof, and sprayer comprises said at least two hollow protrusions that respectively fit into said at least two openings to permit water to flow in at least one direction between said sprayer and said purifier cartridge, wherein said cartridge is attachable to said sprayer and said sealing portions form of said structure forms a seal between said cartridge and said sprayer.

Claim 16. (Previously Presented) The sprayer purifier cartridge system of Claim 1 wherein said seal between said cartridge and said sprayer is formed without adding a separate gasket to said sprayer purifier cartridge system.

Claim 17. (New) The sprayer purifier cartridge system of Claim 1 wherein said hollow protrusions include at least one indentation configured to sealingly receive the respective sealing portion when the hollow protrusions are fit into the respective openings.